



## MEETING MINUTES

<b>PROJECT:</b> Water Treatment Plant	<b>PAGE:</b> 1 of 2
<b>OWNER:</b> City of Long Beach	<b>PROJECT NUMBER:</b> 08856
<b>MEETING DATE:</b> 1/20/11	<b>CONTRACTOR:</b> Rotschy, Inc.

**PRESENT:** Casey Danforth, Rotschy, Inc.  
Rick Gray, City of Long Beach  
Jake Binoin, City of Long Beach  
Dave Wiebe, PACE Engineers, Inc.

**1. COMMENTS ON PREVIOUS MEETING:**

- No discussion.

**2. SCHEDULE:**

- See the attached 3-week look ahead.
- The schedule is based on the acceptance and delivery of the following critical components:
  - The MCC is scheduled for delivery on 1/24/11.
  - Certification delivery of the clearwell VTP's.
  - Delivery of the Main Impound VFD's.
  - Air compressors and associated equipment.
  - Installation of internet connections by Century-Tel.
  - Installation of commercial power by the PUD.
  - Delivery of wire for the electrical connection between the WTP and the Main Impound.
- All electrical work will be completed and approved by inspection by 2/18, providing components are delivered as scheduled.
- PUD service should be provided the following week.

**3. O&M MANUALS:**

- Rotschy will be providing a schedule for completion and submission of the O&M Manuals.

**4. RFI'S:**

- No discussion.

**5. PROPOSED CHANGE ORDERS:**

- No discussion.

**6. CONSTRUCTION ISSUES:**

- No discussion.

**7. CONTRACTOR CONCERNS:**

- No discussion.

**8. ENGINEER / CITY CONCERNS:**

- No discussion.

**9. Q & A:**

- No discussion.

**10. START-UP SCHEDULE:**

- The following tentative start-up schedule is based on information available at this time. It is anticipated that in the next week, deliveries of required materials will firm up, and a more detailed start-up schedule will be provided by Rotschy, Inc.



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1. Pall Corporation on-site participation:
  - a. 1/26 - 1/27 technical support.
  - b. 2/1 - 2/3 set-up membranes.
  - c. 2/21 - 3/11 start-up, technical support/training. Temp gauges, turbidity & pH meters and chlorine analyzers. Air compressors training and maintenance.
  - d. 2/28 generator start-up.
2. Technical support/training:
  - a. 2/24 chlorine generator start-up and training (TMG).
  - b. 2/28 generator start-up and technical training (Kohler??).
  - c. 2/28 chemical feed pump/equipment calibration and training (Furrow Pump).
  - d. 3/1 chlorite analyzer calibration and training (Correct Equipment).
  - e. 3/1 SCM and chlorine dioxide calibration (TAG??).
  - f. 3/2 calibration and training for flow-meters, pressure transmitters, and level indicators (Tourangeau??).
  - g. 3/1 - 3/3 chlorine dioxide generator re-build and training (Siemens).
3. Chlorination/sanitizing of the clear-well, Pall equipment, and associated piping will be accomplished at the end of the start-up period. The City will provide soluble vitamin C to de-chlorinate the hypo-chlorinated water discharge